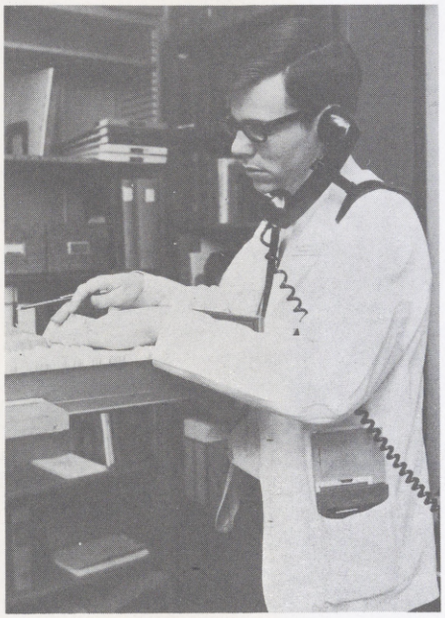
The Campus Bulletin

UNIVERSITY OF CALIFORNIA SAN FRANCISCO MEDICAL CENTER APRIL 1968 VOL. 1, NO. 5

Drug Info Center sleuths first to trace "mace"



Joseph Hirschman, Pharm.D.

"Last October 20th, the day that the big peace demonstration at the Oakland Induction Center turned bloody, we were swamped with calls from emergency hospitals in Oakland and San Francisco wanting to know how to treat victims of 'mace,' the new tear gas police had used on the crowd," says Dr. Joseph Hirschman, Supervisor of the Medical Center's new Drug Information Center which now occupies quarters in the Library's Archives Section.

"It took quite a bit of tracking – 'mace' wasn't even the right name for the gas – but we all pitched in and within a few hours located the literature and then phoned in the treatment information to the hospitals. Later, we found we were the first place in the Bay Area to know how to treat 'mace', and to learn of its potential for causing blindness."

Although its services are available to other institutions and to private physicians, the Drug Information Center exists primarily to serve the Medical Center.

It is an extension of the satellite pharmacy in Moffitt's Ninth Floor Project where the pharmacist is directly involved with patient care and where his expert knowledge of drug use and therapy is instantly available to physicians and nurses 24 hours a day.

Staffed by five clinical pharmacists who also work part-time on the Ninth Floor, the Center is open from 8 a.m. to 11 p.m., Monday through Friday. It also provides a round-the-clock emergency service.

"In most Drug Information Centers in the country, the on-duty pharmacist is virtually a librarian: he looks up the literature on a drug and then relays the information to the doctor who requested it," explained Dr. Hirschman.

"While we also do this kind of retrieval and reviewing of current drug literature, our work is principally of a consultive nature. For instance, a physician will frequently ask our advice on what drugs to administer to a patient or to identify for him the source of an adverse drug reaction.

"Another unique feature of the facility is that we keep tabs on a patient's condition after the consultation with his physician. In this way, we can judge the value of our service by seeing if our advice was carried out and whether it was correct. To my knowledge, ours is the only Drug Information Center in the U.S. to do this," Dr. Hirschman concluded.

The Center's phone number is 666–2973. Emergency service is 666–2175.

Top faculty honor to William F. Ganong, M.D.

William F. Ganong, M.D., is the eleventh Faculty Research Lecturer. Dr. Ganong, Professor and Vice-Chairman of the Department of Physiology, will give his lecture entitled *"Aldosterone and Renin Secretion: Regulatory Mechanism, Clinical Implications, and Theoretical Considerations"* on April 24th at 11 a.m. in the Medical Sciences Auditorium.

In citing Dr. Ganong for this highest tribute by his colleagues, Dr. William L. Epstein, Vice-Chairman of the Academic Senate, commented: "The effect of brain lesions upon salt metabolism, and on the control of catechol amine secretions are among the fields in which, with col-

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Bulletin Briefs

The March calendar of **Ernest W. Page, M.D.**, Professor and Chairman of Department of Obstetrics and Gynecology, was packed. He attended the meeting of the American Association of Professors of Gynecology and Obstetrics in New Orleans, gave the Rubin Memorial Lecture at New York City's Mt. Sinai Hospital, was Visiting Professor in the Department of Obstetrics and Gynecology at the State University of New York's Downstate Medical Center in Brooklyn, and attended the meeting of the Society for Gynecological Investigation in Boston.

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Harvey M. Patt, M.D., Professor of Radiobiology and Director of the Laboratory of Radiobiology, gave the Introductory Lecture at the symposium on "The Effect of Radiation on Cellular Proliferation and Differentiation" at the International Atomic Energy Agency Meeting held in Monaco, April 1–5. His topic was "The Radiobiology of Cell Renewal Systems"

In February Dr. Patt gave the summing-up talk at a two-day teaching conference on "Normal and Malignant Cell Growth" presented by the Cancer Training Program of the University of Chicago School of Medicine. An interview with Dr. Patt on this symposium was broadcast on Chicago television.

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Louis Lichtenstein, M.D., Clinical Professor of Pathology, has accepted an invitation from the Japan Orthopedic Association to conduct a seminar on bone tumors and to lecture at meetings in Okayama, Kyoto, and Tokyo in April.

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Julius H. Comroe, Jr., M.D., Director of the Cardiovascular Research Institute, was made an Honorary Fellow of the American College of Cardiology during the March convention held in San Francisco.

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Alexander R. Margulis, M.D., Professor and Chairman of Department of Radiology, has been appointed Consultant in Radiology to the Surgeon General, U.S. Army. With **H. J. Burhenne, M.D.**, Associate Clinical Professor of Radiology, he edited "Alimentary Tract Roentgenology," a two-volume work recently published by C.V. Mosby, St. Louis.

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Ilza Veith, Ph.D., Professor and Vice-Chairman of Department of History of the Health Sciences, was appointed Chairman of the World Federation of Neurology's Committee on the History of Neurology.

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Rees B. Rees, M.D., Clinical Professor of Dermatology and Radiology, was a recipient of the Mr. and Mrs. J. N. Taub International Memorial Award for Psoriasis Research for 1967 for his pioneering work in treating psoriasis with anti-metabolites. He has also been named Chairman of the Drug Utilization Panel on Dermatology, AMA Council on Drugs, and Consultant to HEW's Bureau of Medicine and Panel on Dermatology.

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David A. Wood, M.D., Director of the Cancer Research Institute and Professor of Pathology, received news of the following appointments and reappointments in recent months: member, the new Fellowship Awards Advisory Committee of the Pharmaceutical Manufacturers Association Foundation; member, Tumor Registry Advisory Committee, State of California Department of Public Health; Chairman, AMA's Committee on Continuing Professional Education Programs of Voluntary Health Agencies and Chairman, Cancer Advisory Council, State of California.

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Charles H. Hine, M.D., Clinical Professor of Pharmacology and Epidemiology and International Health, was reappointed to the AMA's Committee on Medicolegal Problems; **Malcolm S.M. Watts, M.D.**, Special Assistant to the Chancellor and Associate Dean and Associate Clinical Professor of Medicine, was reappointed to the AMA's Committee on Planning and Development.

Dr. Herbert Landahl, on leave from the University of Chicago where he is Professor of Mathematical Biology and Acting Chairman of the Committee on Mathematical Biology, is Visiting Professor of Biophysics and Biomathematics at the Medical Center. During the Spring Quarter he is offering a course entitled "Cybernetics."

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Dr. Manfred E. Wolff, Professor of Pharmacy and Pharmaceutical Chemistry, was named assistant editor of the "Journal of Medicinal Chemistry."

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Maura C. Carroll, R.N., Lecturer in Nursing, is one of five members of the American Nurses' Association chosen to represent the ANA on a new Joint Committee with the American Society of Hospital Pharmacists.

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Calvin Zippin, D.Sc., Professor of Pathology in the Cancer Research Institute and in the Departments of Pathology and Epidemiology and International Health, has been elected to a three-year term as a member of the Regional Committee of the Western North American Region of the Biometric Society.

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Terrine K. Adler, Ph.D., Associate Dean in the School of Medicine, was named to a three-year term as a member of the Veterans Administration Institutional Research Programs Evaluation Committee.

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Faith T. Fitzgerald, Jr., a junior in the School of Medicine, has been awarded a $1969 Smith-Kline French Laboratories Foreign Fellowship which will permit her to assist for eleven weeks next fall at a hospital in Malaysia.

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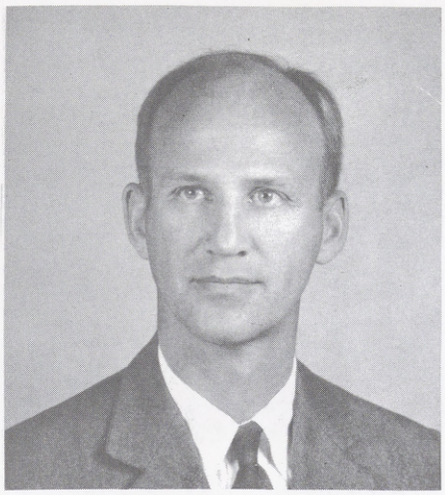
Ellen Amini, a student in Medical Illustration, won an honorable mention in the ninth annual Medical Art Award Program, sponsored by the Student American Medical Association and Eaton Laboratories.



William Atchley, M.D.

Atchley explains RMP's aims and activities

With William A. Atchley, M.D. as its new Associate Coordinator, the Regional Medical Program has established headquarters at 727 Parnassus Avenue, a venerable old building which was also the first home of the Academic Senate and Continuing Education in the Health Sciences.

"RMP is a Division of the National Institutes of Health," said Dr. Atchley, who is an Associate Clinical Professor of Medicine at U.C. "It was officially started in October 1965, with the signing of Public Law 89 – 239, for the purpose of improving patient care by giving health professionals every opportunity to maintain and improve their skills.

"For greater manageability and to insure initiative and control, the U.S. has been divided into fifty-five Regions (the "R" of RMP). California is one of these, but we are so large that the State has been further subdivided into eight Areas.

"Each of California's eight medical schools constitutes the headquarters for one area and provides the staff for an Area Office. Our office coordinates the RMP activities in Area I of California, which includes the Bay Area counties and all the coastal counties to the Oregon Border.

"It is our job to match community needs with the health training resources at the Medical Center and other source institutions. For example, many hospitals serving communities in our Area wish to initiate or expand a Coronary Care Unit, an innovation which has proven to be of immense value in saving the lives of persons who have had a heart attack.

"The first grant proposal our office received was to establish a training program in CCU techniques for doctors and nurses from these hospitals. Funded by N.I.H., the courses would be organized by U.C. faculty members at various local institutions.

"We are so convinced of the proposal's merits that we are confident it will be accepted by N.I.H. Once under way, we hope that this and other training programs will start a chain reaction –for instance, a nurse trained here will return to her community and teach her new skills in turn to her colleagues.

"I believe our office will serve the University best if it serves the community first," Atchley concluded.

Moffitt opens bright new Coronary Care Unit

Hilliard Katz, M.D.

Moffitt's Coronary Care Unit has been completely remodeled and is now equipped with the most modern electronic equipment. The four-bed unit has two monitoring consoles – at the nursing station and one in the conference room.

A unique feature of the unit is that even after a patient is transferred to an adjacent ward, his heart activity is monitored by a small battery-powered transistor attached to his chest.

Hilliard J. Katz, M.D., Associate Clinical Professor of Medicine, is director and Claire L. Lawton, R.N., is head nurse. The unit is also a training facility for nurses specializing in the care of cardiac patients.

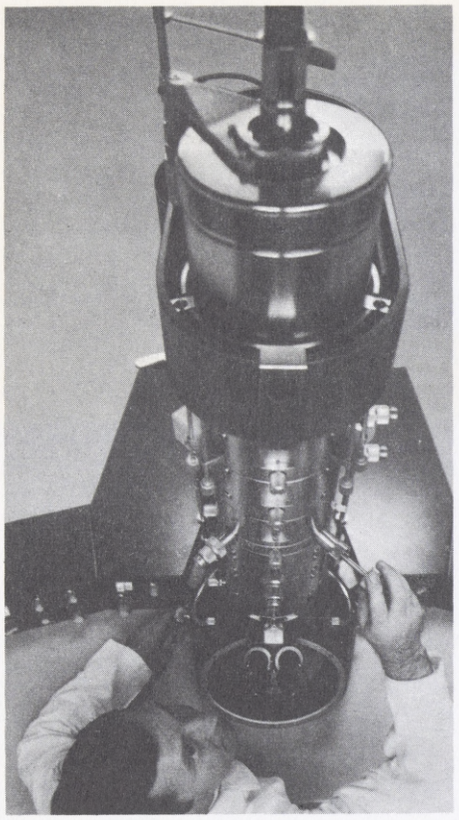
A reminder from Contract and Grants

From time to time the Contracts and Grants Office issues a reminder of the deadlines which must be met to assure that the Regents will be able to give prompt attention to proposals for research contracts or grants exceeding one million dollars.

Occasionally the Contracts and Grants Office receives proposals which miss these deadlines. It is difficult to amend the Regents' agenda to include these items, and in some instances the proposal could have been delayed by a month. This could cause it to miss the deadline by which it was due in the agency.

In such cases it would have been helpful if the Principal Investigator had advised all offices concerned (Dean of School, Dean of Graduate Division and Contracts and Grants Office) of the impending submission of a proposal requiring Regental approval so that a space on the Regents' agenda could have been reserved even before the proposal had reached the Contracts and Grants Office.

If in the future you know of the possibility of a grant or contract proposal which will exceed one million dollars (including continuation years) which is likely not to have cleared all campus offices prior to the Regents' Meeting agenda deadline, please let the Contracts and Grants Office have a statement as to the approximate amount of the proposal and a statement in lay language concerning the background of the proposal.



The view from here is astonishing. . .

This electron microscope, recently installed in the Cardiovascular Research Institute, is capable of magnification as high as six million times actual size. The unit offers the highest resolution yet achieved by any microscope and is 400 times more powerful than any light microscope. Gunther Knoll, a CVRI technician, is shown preparing the instrument for one of its first tasks: study of the molecular structure of bacterial walls.

Centennial symposium stated for April 27

As part of the University of California's Centennial celebration, a symposium entitled "The Storage of Abilities" will be held on Campus, April 27.

Chancellor Williard C. Fleming explains the purpose of the conference: "After years of struggle, Americans have won great victories for themselves – freedom, education, mobility, and leisure. The issue that confronts us is whether now these victories will be transformed into trophies. Eminent men and women from the arts, sciences, and public service will gather here not only to celebrate the one-hundredth anniversary of a great institution, but also to challenge the notion that complacency may follow greatness and cause no havoc."

Chancellor Fleming will make the opening speech, and then introduce UC President Charles J. Hitch who will give the welcoming address.

Participants in the program are writer Marya Mannes; Lieutenant Governor Robert H. Finch; State Senator Milton Marks; Alvan L. Barach, M.D., Consultant in Medicine, Presbyterian Hospital, New York; Edward Stainbrook, Ph.D., M.D., Professor and Chairman, Department of Psychiatry, USC School of Medicine, Los Angeles; Paul H. Sheats, Ph.D., LL.D., Professor of Education, UCLA; and Russel V. Lee, M.D., Consultant, Palo Alto Medical Clinic.

Medical Center faculty, students, and personnel are cordially invited to attend. Call ext. 1692 for reservations.

Ganong (cont.)

laborators, he has made significant contributions."

Dr. Epstein continued: "Without question, Dr. Ganong's most important discovery is that angiotensin serves as a stimulus to aldosterone secretion by the adrenal cortex. This discovery adds an entirely new dimension to endocrinology by showing that an area other than the brain and pituitary gland control adrenal secretion and by defining a new role for the reninangiotensin system of the kidney. This finding is important to both clinical medicine and basic physiology because of aldosterone's function in regulating the metabolism of salt and potassium in the body."

Dr. Ganong received his medical degree, Magna Cum Laude, in 1949 from Harvard Medical School and interned at Peter Bent Brigham Hospital. After serving a year with the U.S. Army during the Korean War he returned to Harvard, where, in collaboration with Dr. David Hume, he began his studies of hypothalmic control of pituitary function.

Dr. Ganong was appointed to the University of California faculty in 1955.

1968 Science Fair held April 16-19

The 1968 Health Sciences Exposition was held April 16 through 19 in Millberry Union Gym. The exposition was open from 8 a.m. to 5 p.m. Tuesday through Thursday, and until noon on Friday.

The ninth annual fair was open to the public. Fifty-five Bay Area high schools also received special invitations to tour the Campus' major facilities.

Exhibits prepared by faculty, technicians, and students in the Schools of Dentistry, Medicine, Nursing and Pharmacy illustrated current research and teaching activities at the Medical Center.

Funded by the Chancellor's Office, the exposition was co-sponsored by the School of Pharmacy Student Chapter of the American Pharmaceutical Association-California Pharmaceutical Association and the Committee to Interest Students in the Health Sciences. Chairman of the 1968 program was Dan Furtado, a third-year Pharmacy student.

"The exposition was initiated in 1959 by the president of the student chapter who wanted to increase understanding among the faculty, staff, and students of the four schools," said Furtado. "The exhibits serve both as an exchange of information and as a means to acquaint high school students with career possibilities in the health sciences."

Marijuana conference first in Bay Area

"Marijuana: Past and Present," a symposium held at the Medical Center, March 23 and 24, was the first major review of the drug in the Bay Area. The conference brought together experts from across the country to discuss the historical, pharmacological, psychological, and legal aspects of the drug, as well as its use in our culture today.

The program was co-sponsored by the Medical Center Psychopharmacology Study Group and the Haight-Ashbury Medical Clinic.